Index of Claims



Application/Control No.

10/816,557

Examiner

Date

JONES, RONALD M.

Applicant(s)/Patent under

Reexamination

Art Unit

Maureen M. Wallenhorst

1743

Rejected Allowed

(Through numeral) Cancelled

Claim

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| | | | . | | | | , | | | ц | |
|----------|--|-----------------|----------|----------|--|----------------|--|----------|----------|-----------------|--|
| Cla | Date | | | | | | | | | | |
| Final | 1 Original | 100 John | | | | | | | | | |
| | 1 | 7 | | \vdash | - | \vdash | H | \vdash | ┢ | \vdash | |
| | 7. | | | | Г | | | Т | T | | |
| | 1 | | | | | | | | T | П | |
| | 4 | 0 | | | L | | | | | | |
| | 5 | Q | _ | | | _ | L | L_ | | Ш | |
| | 6 | V | _ | | <u> </u> | _ | _ | L | <u> </u> | Щ | |
| | 7 8 | 001 | \vdash | _ | ⊢ | <u> </u> | ├ | _ | ├- | Н | |
| | 9 | 1 | <u> </u> | ┝ | ⊢ | — | \vdash | ⊢ | ├- | Н | |
| | 10 | V | | - | ├ | ╢ | \vdash | ⊢ | ├— | Н | |
| | 11 | \checkmark | | | | ┢ | ┢ | \vdash | H | \vdash | |
| | 12 | Ď | / | Т | | | | | \vdash | tΗ | |
| | 10 11 12 13 14 15 16 17 | 0 | | | | | | | | П | |
| | 14 | 0 | | | | | | | | | |
| | 15 | - | | | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L | L | <u> </u> | | | |
| | 16 | 1 | <u> </u> | _ | L | _ | | L. | | Щ | |
| | 17 | 1 | _ | | | <u> </u> | _ | | ļ | | |
| <u> </u> | 18 19 | ₩ | _ | | | - | | | - | - | |
| | 20 | Н | | | | | - | | \vdash | \vdash | |
| | 21 | H | | | | | _ | - | ┢╌ | \vdash | |
| | 22 | | | _ | - | | | ┢ | \vdash | Н | |
| | 20 21 22 23 24 25 26 27 28 29 30 | 7 | _ | | | | | | _ | Н | |
| | 24 | i | | | | | | | | П | |
| | 25 | | | | | | | | | | |
| | 26 | Ш | | | | | | | | Ш | |
| | 27 | Щ | | | | <u> </u> | _ | _ | <u> </u> | Ш | |
| | 28 | Н | | | <u> </u> | _ | <u> </u> | <u> </u> | | Н | |
| | 29 | W | | | ⊢ | <u> </u> | Ь. | _ | _ | Н | |
| | 31 | | | _ | \vdash | \vdash | - | _ | \vdash | Н | |
| | 32 | 0 | | _ | ├─ | \vdash | \vdash | | \vdash | Н | |
| | 32 33 | 0 | | | \vdash | \vdash | | - | ┢ | H | |
| | 34 | = | | | | \vdash | | | | | |
| | 34 35 36 | | | | | | | | | | |
| | 36 | П | | | | | | | | | |
| | 37 38 | V | | | | | | | | Ц | |
| | 38 | | | | | | | | <u> </u> | Щ | |
| | 39 | | | | | | | | <u> </u> | \vdash | |
| | 40 | | _ | | _ | | | <u> </u> | | \vdash | |
| | 42 | \vdash | | | H | | H | <u> </u> | \vdash | \vdash | |
| | 43 | | | | | | | | \vdash | $\vdash \vdash$ | |
| | 44 | | | | | | | _ | | H | |
| | 45 | | | | | | | | | Н | |
| | 46 | | | | | | | | | | |
| | 47 | | | | | | | | | | |
| | 48 | | _ | | | | | | | Ш | |
| | 49 | $\vdash \vdash$ | | | | | | | Ļ., | $\vdash \dashv$ | |
| | 50 | ı I | | | | | 1 1 | l | Ī | . 1 | |

| | | | | | | <u> </u> | - | | | | | Cic | 1011 | | | | | Jau | 7 | | | - 1 |
|----------|------------------|-----------------------|----------|----------|----------|----------|--------------|----------|----------------|--------------|-----|-------|----------------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|
| 5 | Original | 100g | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | | _ | ⊢ | _ | \vdash | | | <u> </u> | ├- | | | | _ | _ | _ | | | | _ | | Щ |
| _ | - | \vdash \checkmark | <u> </u> | H | ⊢ | - | - | | ├- | H | | | 51 52 53 | | | \dashv | | | | | | |
| _ | 1 | ┝ | \vdash | \vdash | ⊢ | | <u> </u> | _ | ├- | ⊢ | | | 52 | | - | - | | _ | | | | _ |
| - | 1 | - | | ├ | ⊢ | \vdash | \vdash | | ┝ | ├ | | | 53 | | | | | | | _ | | |
| _ | 5 | 30 | \vdash | ┢ | - | ┝ | \vdash | \vdash | — | ⊢ | | | 54 55 | | \dashv | \dashv | | | | | _ | |
| | 1 4 5 6 | Ĭ | ┢ | | H | \vdash | H | - | ┝ | ├─ | | | 56 | \dashv | \dashv | | | | | | | |
| | 7 | Y | | | - | \vdash | | _ | \vdash | \vdash | 1 | | 57 | | | - | _ | _ | | _ | - | |
| | 8 | 8 | \vdash | \vdash | H | _ | \vdash | | ├- | | 1 | | 58 | | \dashv | \dashv | | - | - | | | |
| | 9 | | <u> </u> | | _ | \vdash | \vdash | | ├- | _ | 1 1 | | 50 | \dashv | - | \dashv | | - | | | - | \dashv |
| | 10 | | | | - | | | | | \vdash | | | 59 60 | | \dashv | \dashv | _ | | | | | \dashv |
| _ | 11 | \sim | | | | | | | \vdash | 1 | | | 61 | | | \dashv | _ | | | | | \dashv |
| _ | 12 | Š | _ | T | | | | | \vdash | 1 | 1 1 | | 62 | | \dashv | \dashv | | | | | _ | \dashv |
| | 13 | 0 | | | | | | _ | | | 1 1 | | 62 63 | | | \neg | _ | | | | | \dashv |
| | 14 15 | O | | | | | | | | | 1 1 | | 64 | | \neg | \neg | _ | | | | | |
| | 15 | | | | | | _ | | | | | | 65 | | | | _ | | | | \neg | |
| | 16 | i | | | | | | | | | 1 | | 66 | \neg | \dashv | \neg | | | | | \neg | \dashv |
| | 16 17 | 1 | | | | | | | | | 1 | | 67 | | | 一 | | | | | | |
| | 18 | Т | | | | | | | | | li | | 68 | | | | | | | | \exists | |
| | 19 | T | | | | | | | | | 1 | | 68 69 | | | \neg | | | | \neg | _ | \dashv |
| | 20 | Т | | | | | | | | | 1 | | 70 | \neg | \neg | | | | | \Box | | \dashv |
| | 21 | Т | | | | | | | | | | | 71 | \neg | 一 | | | | | | | \neg |
| | 22 | Y | | | | | | | | | | | 72 | | \neg | | | | | | | |
| | 23 | | | | | | | | | | | | 73 | | | | | | | | | |
| | 24 | \vdash | | | · | | | | | | | | 74 | | | | | | | | \neg | |
| _ | 25 | | | | | | | | | |] [| | 75 | | | | | | | | | |
| _ | 25 26 27 | Ш | | | | | | | | | | | 76 | | | | | | | | | |
| | 27 | \perp | | | | | | | | | | | 77 | | | | | | | | | |
| _ | 28 29 | \perp | | _ | | | | | | | | | 78 | | | | | | | | | |
| 4 | 29 | Щ | | | | | | | | | | | 79 | | | | | | | | | |
| _ | 30 | ∇ | | | | | | | | | | | 80 | | | | | | | | | |
| 4 | 31 32 | $\backslash\!\!\!/$ | | _ | | | | | | | | | 81 | | | \Box | | | \Box | | | |
| 4 | 32 | 00 | | | | | | | | | | | 82 | | | | | | | | | |
| _ | 33 | O | | | | | _ | _ | | L | | | 83 | _ | | _ | | | | | | |
| 4 | 34 35 | | | | | | | _ | | _ | | | 84 | | | | | _ | _ | | | _ |
| 4 | 35 | + | | | | | _ | _ | | | | | 85 | _ | _ | | | _ | | _ | _ | |
| 4 | 36 37 38 | + | | | | | - | \dashv | | | | | 86 | \dashv | _ | _ | | | | | _ | |
| 4 | 3/ | V | | _ | | | | | | _ | | | 87 | _ | | _ | _ | | | | | |
| - | 30 | | _ | | _ | | - | | | <u> </u> | | | 88 | | - | _ | _ | | _ | | | |
| - | 39 40 | | | | | | | \dashv | | | | | 89 | | | | | | | | | |
| - | 41 | | | _ | | _ | \dashv | | | | | | 90 91 | | | _ | _ | _ | | | | |
| | | | | - | | _ | \vdash | \dashv | | | | | | _ | \dashv | \dashv | \dashv | | | _ | _ | _ |
| \dashv | 42 | _ | | | | - | \dashv | -+ | | - | | | 92 | | \dashv | | | | | | _ | \dashv |
| + | 44 | - | | _ | \vdash | \dashv | \vdash | -+ | | | - | | 93 94 | | \dashv | \dashv | | | - | | - | |
| ┥ | 45 | | | | | | | \dashv | | - | | | 95 | \dashv | | | - | - | | _ | - | \dashv |
| ┪ | 46 | \dashv | | | \vdash | | | \dashv | | | | | 96 | \dashv | | | \dashv | \dashv | - | | | \dashv |
| ┪ | 47 | | _ | | | \dashv | | | | | | -+ | 97 | \dashv | | | \dashv | \dashv | \dashv | \dashv | | \dashv |
| | 48 | \dashv | | | - | \dashv | \dashv | -+ | | | | | 98 | | \dashv | \dashv | \dashv | - | \dashv | | \dashv | \dashv |
| | 49 | | - | | \vdash | \dashv | | -+ | | - | } | | 99 | - | -+ | - | \dashv | \dashv | \dashv | | \dashv | \dashv |
| 7 | 50 | \neg | | | | \neg | | \neg | | | | -+ | 100 | \dashv | \dashv | | \dashv | \dashv | \dashv | | | ᅱ |
| | | | | | | | | 1 | | | ı L | | , 50 | —! | | 1 | | | | [| | |

| Claim | | Date | | | | | | | | | |
|--|---------------------------------|----------|--------------|--------------|-------------|--|----------|--------------|--|----------|--|
| | | | | | | | | | Γ | П | |
| a a | Original | | | | | | | | | | |
| Final | . <u>.</u> | | 1 | | l | | | | | | |
| - | 0 | | | | | | | | 1 | | |
| | 101 | - | ┢ | ⊢ | - | | H | ├ | ⊢ | Н | |
| <u> </u> | 101 | - | ⊢ | | ┝ | - | - | | ├ | Н | |
| <u> </u> | 102 103 | <u> </u> | ⊢ | ├_ | _ | | | <u> </u> | ┡ | \vdash | |
| | 103 | ļ | <u> </u> | ⊢- | _ | _ | <u> </u> | <u> </u> | _ | Щ | |
| | 104 | | ┞ | | <u> </u> | | ļ | _ | L | Ш | |
| | 105 106 | L | <u> </u> | L | | _ | | | | Ш | |
| | 106 | <u> </u> | <u>L</u> | _ | | | | | <u> </u> | Ш | |
| | 107 | | | L_ | | <u> </u> | L | | | | |
| | 108 109 | | | | | | | | | | |
| | 109 | | | | | | | | | | |
| | 110 | | | | | | \Box | Π | | | |
| | 111 | | | | | | | | | | |
| | 112 | Γ | | | | | | Γ | | П | |
| | 113 | | 1 | | | | Г | Г | T- | П | |
| | 113 114 115 | | | | | Т | | | | Н | |
| - | 115 | \vdash | | \vdash | \vdash | | \vdash | \vdash | | \vdash | |
| | 116 | \vdash | - | \vdash | \vdash | | \vdash | \vdash | | H | |
| | 116 117 | \vdash | \vdash | ├ | - | \vdash | \vdash | \vdash | \vdash | Н | |
| | 118 | \vdash | \vdash | \vdash | <u> </u> | ├- | - | \vdash | ⊢- | H | |
| | 110 | - | \vdash | _ | | ⊢ | | ├- | _ | Н | |
| | 119 | _ | <u> </u> | | | <u> </u> | _ | <u> </u> | _ | Ш | |
| ļ | 119 120 121 | _ | | | | <u> </u> | _ | <u> </u> | \vdash | Ш | |
| | 121 | _ | <u> </u> | L | | | | <u> </u> | | Ш | |
| | 122 | L | <u> </u> | | | | | | <u>L</u> | Ш | |
| | 123 | | | _ | | | | | | Ш | |
| | 122 123 124 125 126 | | | | | | L | | | | |
| | 125 | | | | | | _ | | | | |
| | 126 | | | | | | _ | | | | |
| | 127 | | | | | | | | | | |
| | 127 128 | | | | | | | | | П | |
| | 129 | | | | | | | | | П | |
| | 130 131 132 | | | | _ | | | | | | |
| | 131 | | | | | | | | _ | П | |
| | 132 | | | | | _ | | | | | |
| \Box | 133 | | Т | Н | | | | | \vdash | \vdash | |
| | 133 134 | | | | | \vdash | | \vdash | Η- | Н | |
| - | 135 | | \vdash | | | \vdash | | - | | \vdash | |
| | 136 | | \vdash | - | | \vdash | ├~ | ┝─ | | Н | |
| | 137 | | \vdash | - | | \vdash | \vdash | | | H | |
| | 138 | | \vdash | \vdash | | | - | \vdash | <u> </u> | \vdash | |
| \vdash | 139 | | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | Н | |
| | 140 | | \vdash | | | \vdash | | <u> </u> | | Н | |
| \vdash | 4 4 4 | | _ | | _ | \vdash | | <u> </u> | <u> </u> | \Box | |
| | 141 | | Ш | | | \vdash | L | L_ | | Щ | |
| \vdash | 142 | | Ш | | <u> </u> | <u> </u> | | L | | \Box | |
| | 143 | | | | | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | L | L | | Ш | |
| | 144 | | | L | | <u> </u> | | $oxed{oxed}$ | | Ш | |
| | 145 | | | | | | | L. | | | |
| | 146 | | | | | | | | | | |
| | 147 | | | | | | | | | | |
| | 148 | | | | | | | | | | |
| | 149 | | | | | | | | | | |
| | 150 | | | | | | | Г | | | |
| | لستسسا | | | | | | | | | | |